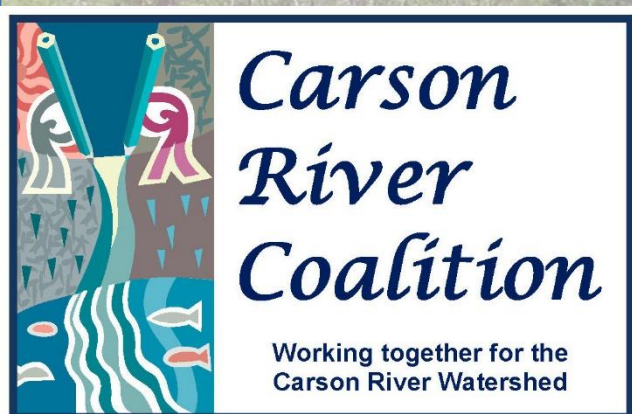


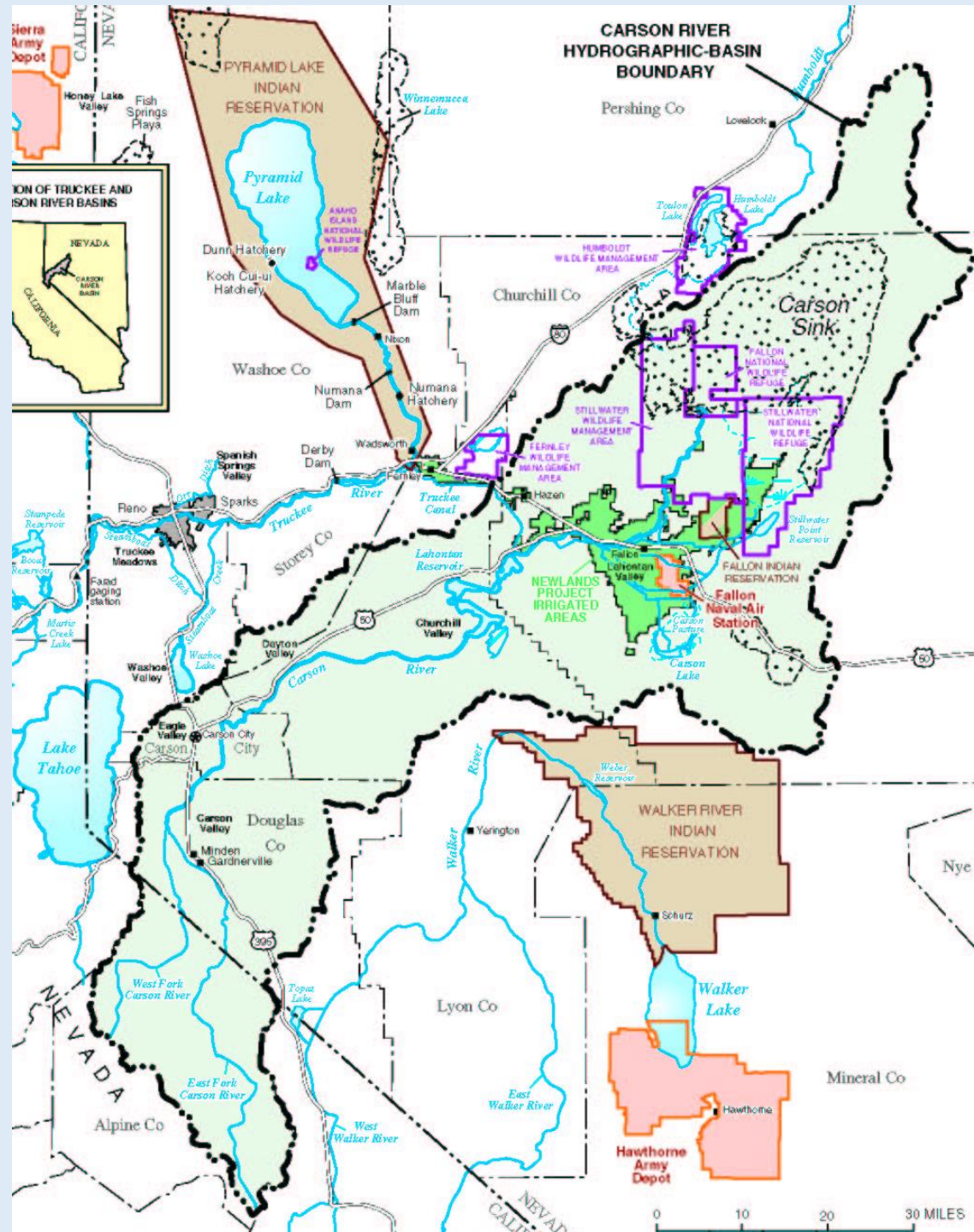
Carson River Watershed Cooperative Weed Management Areas

By Courtney Walker, Watershed Program Specialist
Carson Water Subconservancy District



The Carson River Watershed: A Lifeline Connecting our Communities

- 3,965 square miles
 - 606 in California
 - 3,359 in Nevada
- Elevation range 3,000 to 11,460
- Precipitation: 4-8" to over 40" in Sierra Nevada
- Carson River 184 miles
- Very limited upstream storage
- River fully appropriated
- Flows to its terminus in the Stillwater National Wildlife Refuge east of Fallon, NV



2 States:
California
Nevada

6 Counties:
Alpine County, CA
Douglas County, NV
Carson City, NV
Lyon County, NV
Churchill County, NV
Storey County, NV

Alpine/Upper Carson Weed Management Group:

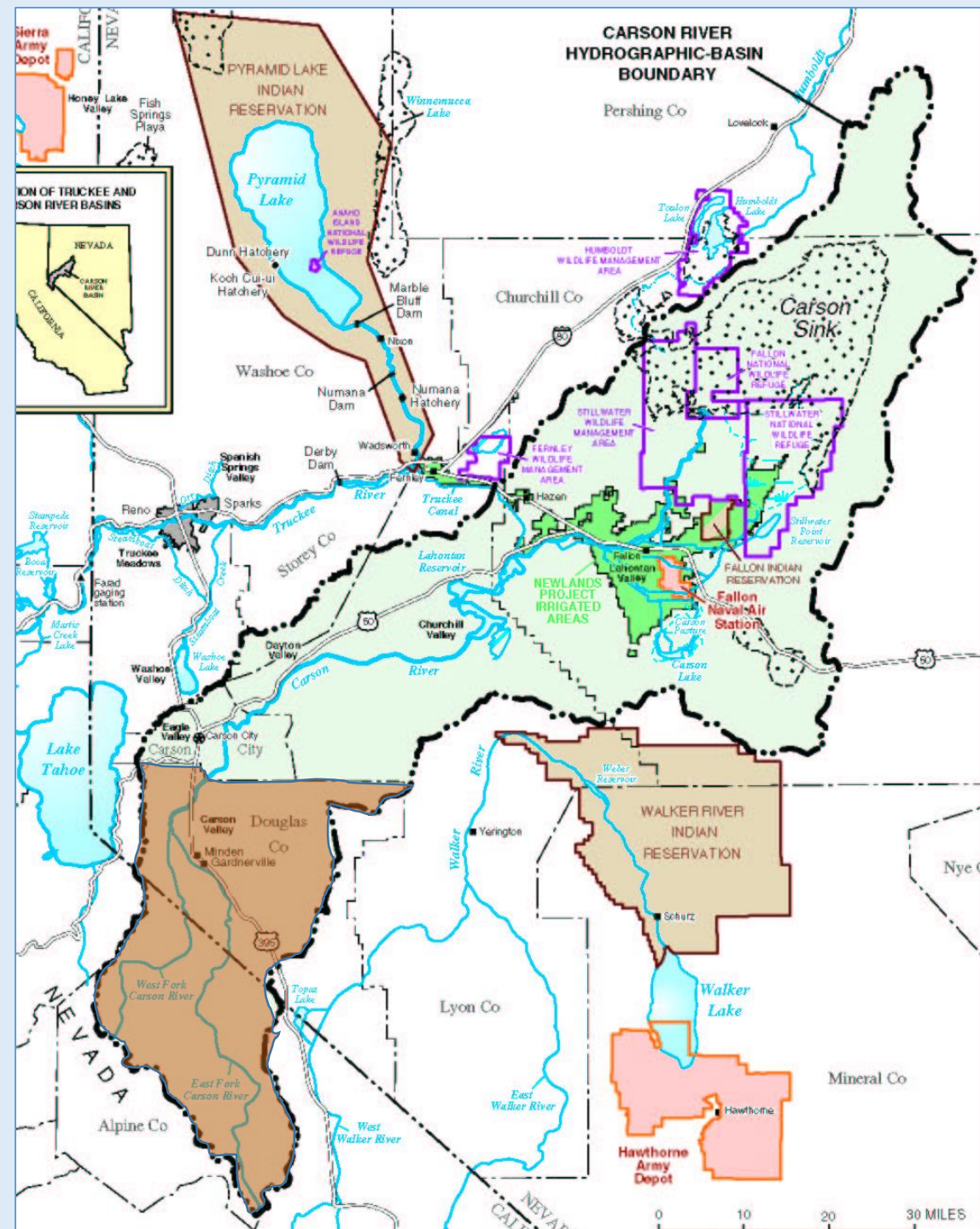
Encompasses Alpine County, CA and Douglas County, NV

Established: 2000

Funding for creation of CWMA: Formed in anticipation of AB1168
California Weed Management Area Program

Species of concern: Knapweeds, Perennial pepperweed, Yellow
starthistle, Canada thistle, and Medusahead

Cooperative partners, including private landowners and Carson Valley
Conservation District:



Carson City Weed Coalition:

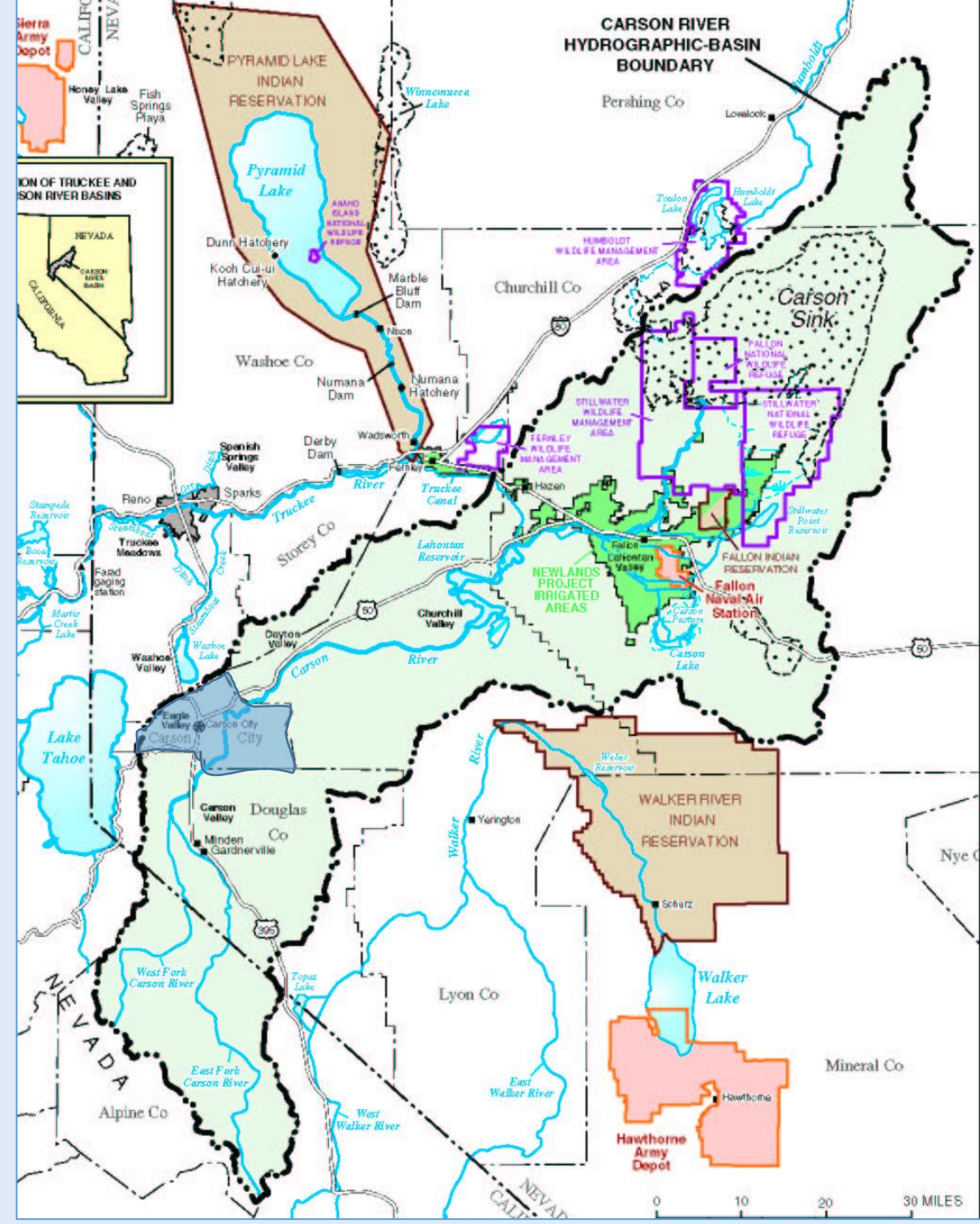
Encompasses Carson City, NV

Established: 2002

Funding for creation of CWMA: CWSD and NDA funding

Species of Concern: Perennial pepperweed, Yellow starthistle, Russian and Spotted knapweed, Scotch thistle, Canada thistle, Poison hemlock, and Tamarisk

Cooperative partners, including private landowners:



West Central Lyon County Weed Management Area:

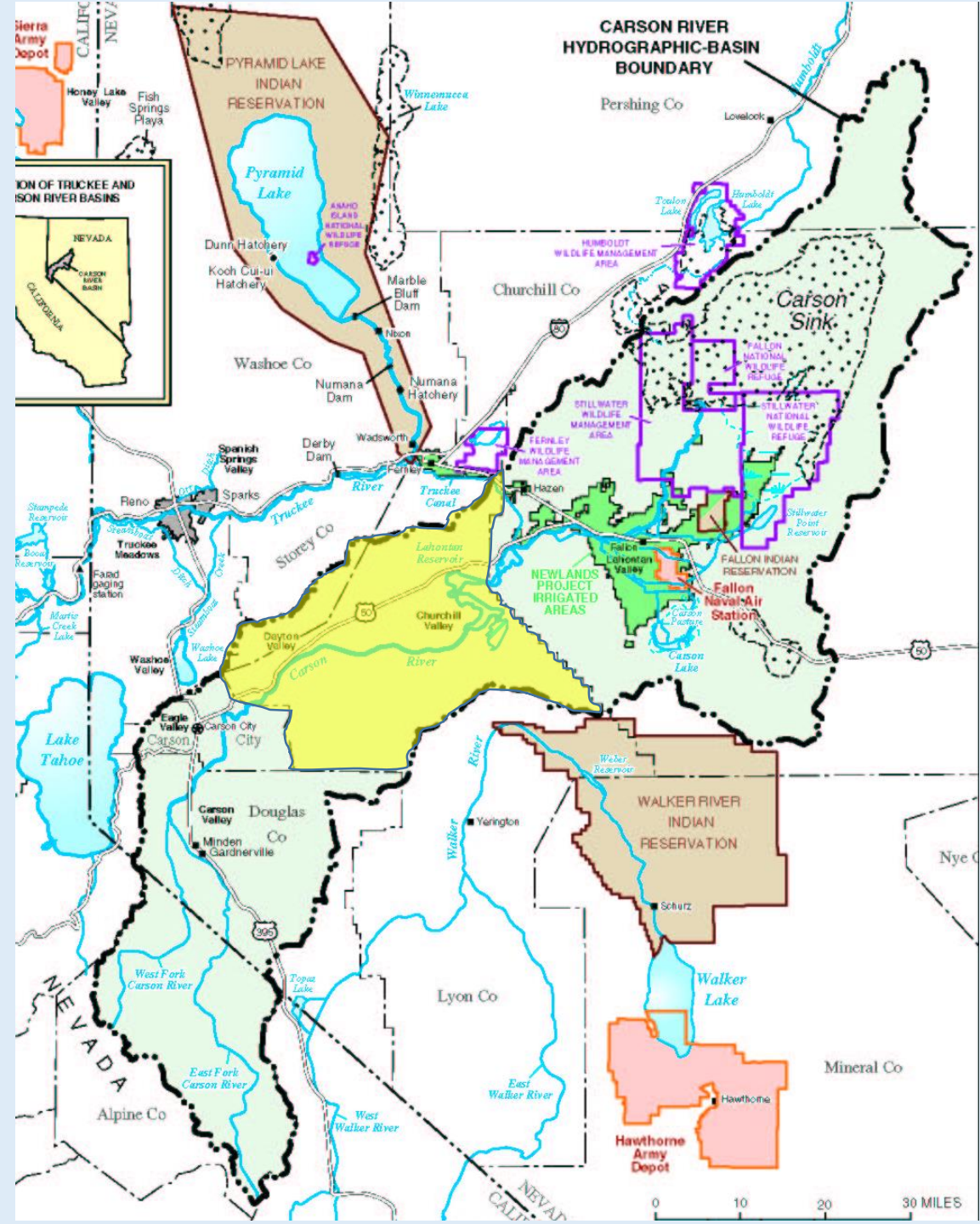
Encompasses Lyon County portion of Carson River Watershed, including Dayton Valley and Moundhouse, and a portion of Storey County

Established: 2005

Funding for creation of CWMA: \$7500 grant funds from Nevada Department of Agriculture (NDA)

Species of Concern: Perennial pepperweed, Knapweeds, Yellow starthistle, Scotch and Canada thistle, Hoary cress, and Dalmatian toadflax

Cooperative partners, including private landowners and Dayton Valley Conservation District:



Churchill County Cooperative Weed Management Area:

Encompasses Churchill County and Fallon, NV

Established: January 2003

Funding for creation of CWMA:

\$5000 Carson Water Subconservancy District

\$3800 Western NV Resource Conservation & Development

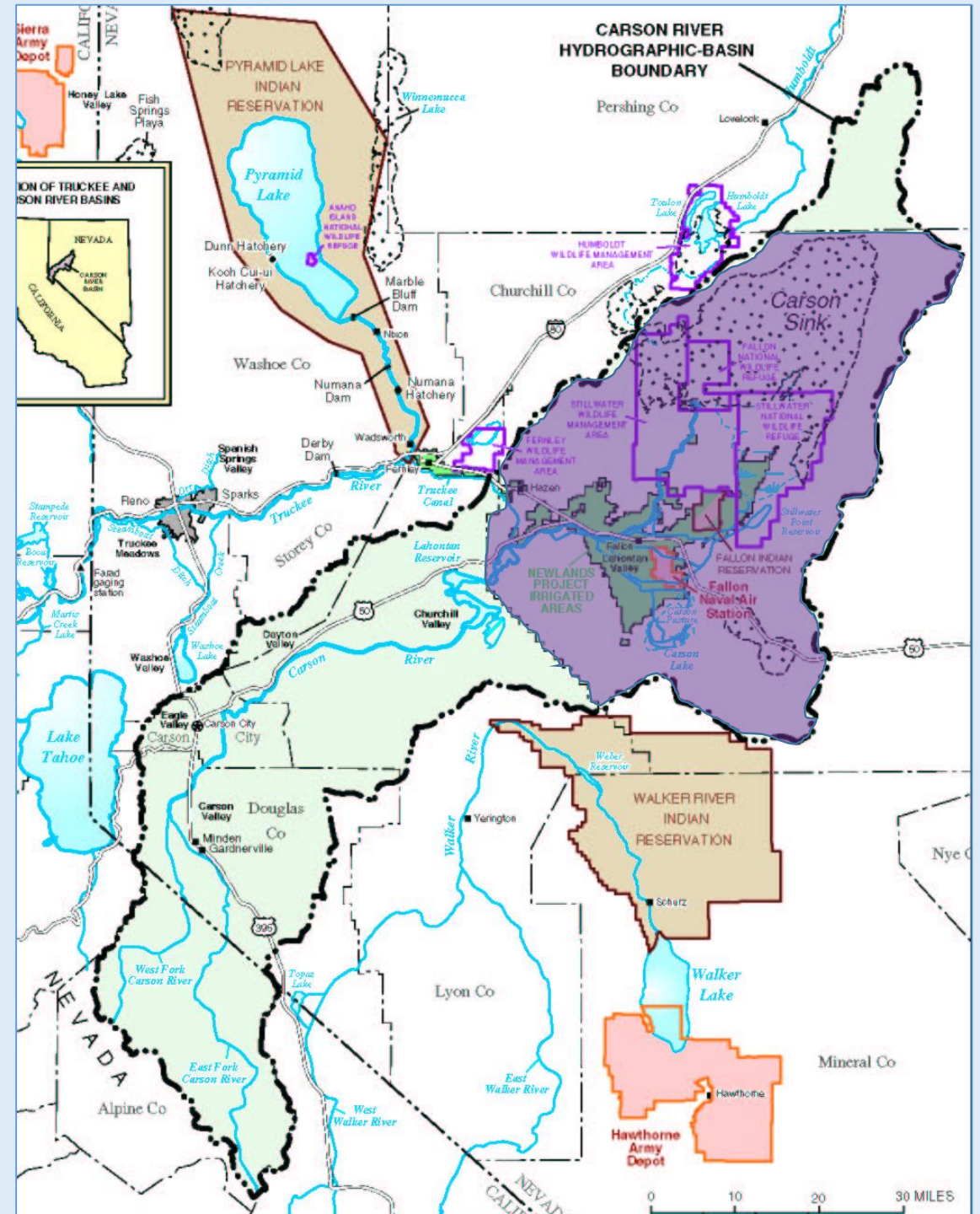
\$10,000 Nevada Department of Agriculture

Species of Concern: Russian knapweed, Perennial pepperweed, Poison hemlock, Puncturevine, and Tamarisk

Cooperative partners, including Truckee-Carson Irrigation District, Lahontan and Stillwater Conservation Districts, Churchill County Mosquito, Vector, and Weed Control District, and private landowners:



**Fallon Paiute
Shoshone Tribe**



Who We Are

- Multi-county, bi-state agency
- Works in the entire Carson River Watershed
- Created by the Nevada Legislature in 1959
- Funded by ad valorem property taxes and grants
- Appointed by Nevada's Governor as Clean Water Act – Section 208 Water Quality Management Planning Entity for the Carson River Watershed

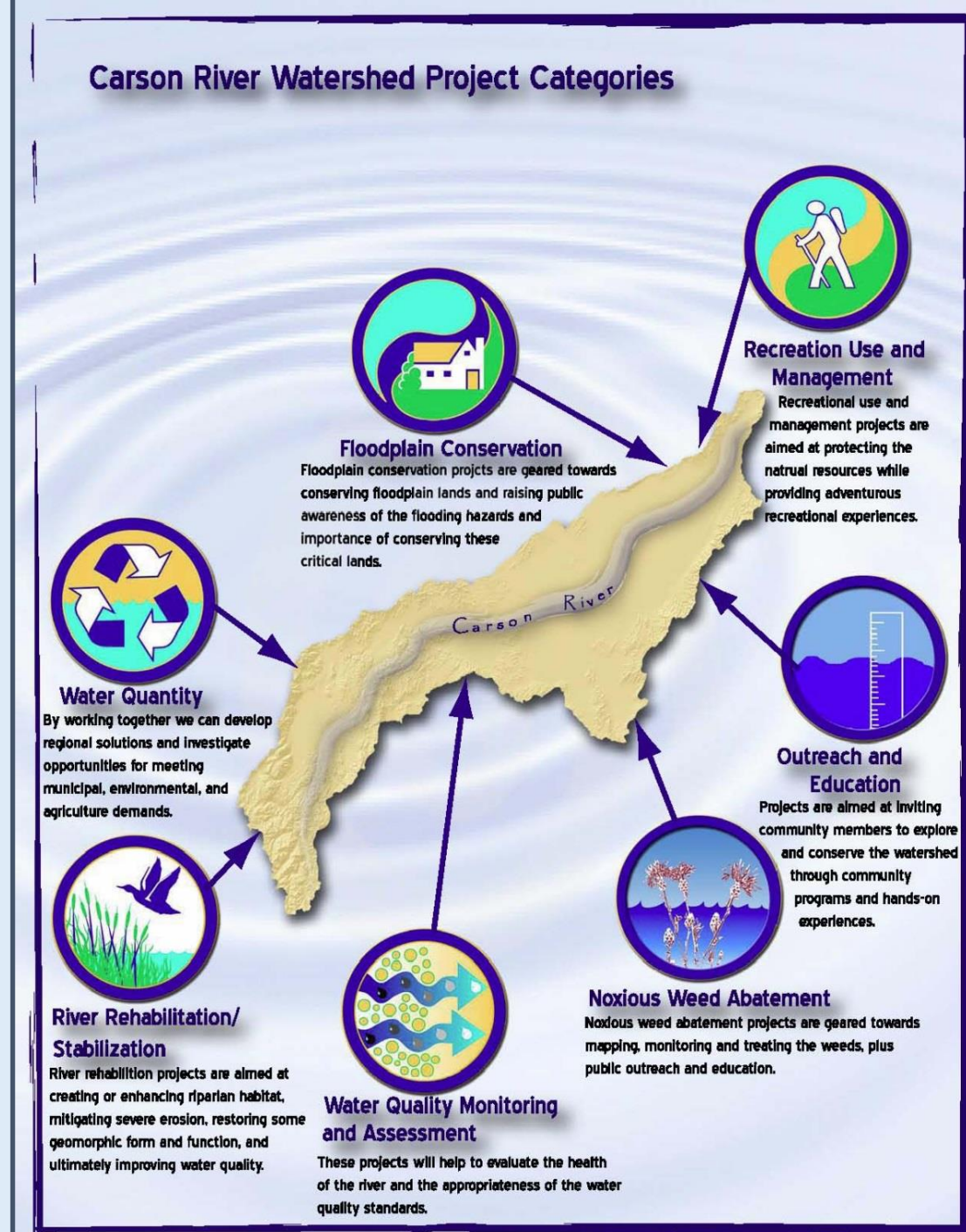


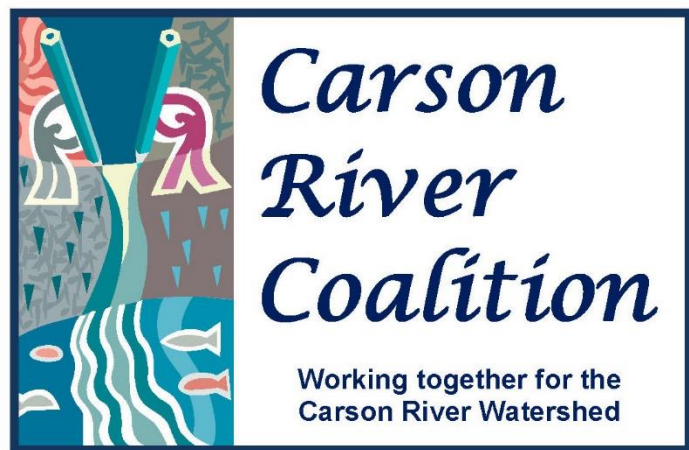
What We Do

Charged with implementation of an integrated watershed management approach for the Carson River Watershed

- Floodplain Management
- Water Supply
- Water Quality
- **Invasive Species**
- Outreach and Education
- River Projects
- Recreation Management

CWSD facilitates the Carson River Coalition, a watershed-wide stakeholder group.





The Carson River Coalition (CRC) is a watershed wide stakeholder group that serves as the steering committee for the integrated watershed planning process.

Watershed wide stakeholder group consists of:

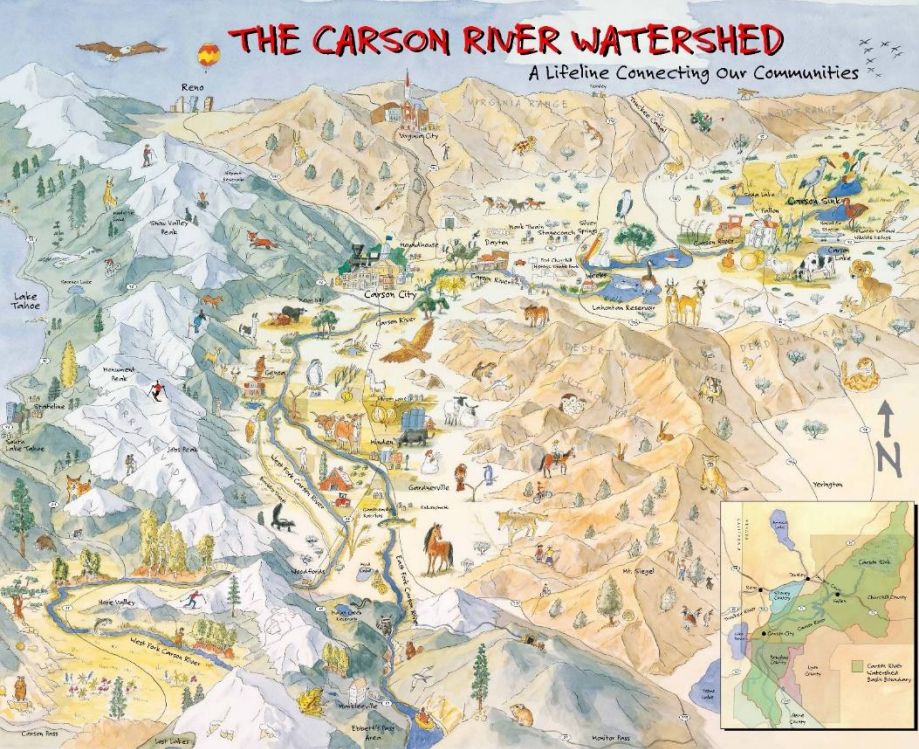
- Private individuals
- Local, state and federal agencies
- Tribal governments
- Citizen-driven groups

The Carson River Coalition created the:

- 2007 Carson River Watershed Adaptive Stewardship Plan
- 2008 Carson River Regional Floodplain Management Plan
- 2015 Watershed-Literacy Action Plan



Working Groups have been established to address specific programs.

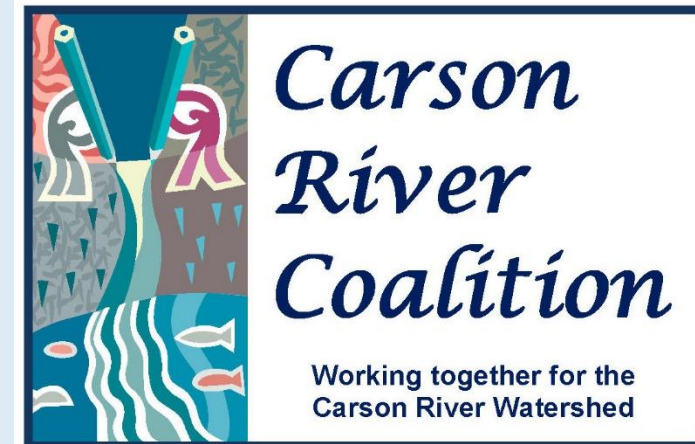


The Carson River is a major transportation vector for noxious weeds and aquatic invasives, invasive species management at a watershed scale is critical.

CWSD facilitates **CRC Invasive Species Working Group** and provides \$15,000 to each of the five counties for noxious weed management. CWSD applies for funding opportunities on behalf of the four CWMAs collectively. Working group meets once a year all together and attends main CRC meetings periodically throughout the year.

Positive outcomes from Invasive Species Working Group:

- Serves as a forum
- Share experiences
- Coordinated weed treatments
- Coordinated outreach
- USFS and BLM coordination with stakeholders



Carson River Watershed Cooperative Weed Management Areas are:

- Highly effective
- Capacity to expand given sufficient funding
- Possess knowledgeable and trained staff implementing noxious weed removal and restoration
- Coordinating with and has a positive working relationship with public and private landowners
- Participating in chemical applicator classes and weed warrior identification trainings
- Actively participating in the Carson River Coalition Invasive Species Working Group!



Questions?

